



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cantor *et al.*

Serial No.: 09/395,409

Filed: September 14, 1999

For: *SOLID PHASE SEQUENCING OF BIOPOLYMERS*

Art Unit: 1656

Examiner: Houtteman, S.

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
Washington, D.C. 20231 on this date

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AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Responsive to an Office Action, mailed October 4, 2000, please amend the application as follows:

IN THE CLAIMS

Please cancel claims 56, 57, 61, 62 and 78-85 without prejudice or disclaimer.

Please add claims 88 to 123 as follows:

88. (New) The method of claim 56, wherein the molecular weights are determined by methods selected from the group consisting of gel electrophoresis, capillary electrophoresis, chromatography, and nuclear magnetic resonance.

89. (New) The method of claim 56, wherein the molecular weights are determined by mass spectrometry.

90. (New) The method of claim 89, wherein the mass spectrometry comprises a step selected from the group consisting of laser heating, droplet release, electrical release, photochemical release, fast atom bombardment, plasma desorption, matrix-assisted laser desorption/ionization, electrospray, and resonance ionization, or a combination thereof.

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02 FC:202 80.00 OP
03 FC:203 252.00 OP